Technological Forecasting and Social Change

An International Journal

Volume 67, Number 1, May 2001

Contents

VARY COATES (Washington, DC) **MAHMUD FAROOQUE** (Fairfax, VA) **RICHARD KLAVANS** (Philadelphia, PA) **KOTY LAPID** (Beer Sheba, Israel) **HAROLD A. LINSTONE** (Portland, OR) **CARL PISTORIUS** (Pretoria, South Africa) **ALAN L. PORTER** (Atlanta, GA)	On the Future of Technological Forecasting	1
WALT W. ROSTOW (Austin, TX)	Population in the Twenty-First Century: The Limited Horizon of Public Policy	19
BRUCE E. TONN **JEAN H. PERETZ** (Knoxville, TN)	Method for Gauging Limits to Foresight in Environmental Decision Making	35
TURLOUGH F. GUERIN (Sydney, Australia)	Transferring Environmental Technologies to China: Recent Developments and Constraints	55
SARAH KOVOOR-MISRA (Denver, CO) **JUDITH A. CLAIR** (Chestnut Hill, MA) **KENNETH L. BETTENHAUSEN** (Denver, CO)	Clarifying the Attributes of Organizational Crises	77
J. SCOTT ARMSTRONG (Philadelphia, PA) **J. THOMAS YOKUM** (San Angelo, TX)	Potential Diffusion of Expert Systems in Forecasting	93
	Book Reviews	
KAROL I. PELC (Houghton, MI)	*The Machine in Me: An Anthropologist Sits Among Computer Engineers* (Gary L. Downey)	105
BRIAN J. L. BERRY (Dallas, TX)	*Chaos Theory Tamed* (Garnett P. Williams)	109
R. MARIA SALETH (Delhi, India)	*Macrohistory and Macrohistorians: Perspectives on Individual, Social, and Global Change* (Johan Galtung and Sohail Inayatullah)	111

Technological Forecasting and Social Change

An International Journal

Volume 67, Numbers 2 & 3, June/July 2001

Special Issue

Technology Policy and Innovation in the Globalized Learning Society

Pedro Conceição, David V. Gibson, Manuel V. Heitor, and Giorgio Sirilli, Guest Editors

Contents

PEDRO CONCEIÇÃO **DAVID V. GIBSON** **MANUEL V. HEITOR** (Austin, TX) **GIORGIO SIRILLI** (Rome, Italy)	Beyond the Digital Economy: A Perspective on Innovation for the Learning Society	115
DAVID C. MOWERY (Berkeley, CA)	Technological Innovation in a Multipolar System: Analysis and Implications for U.S. Policy	143
MARCELA MIOZZO (Manchester, UK) **LUC SOETE** (Maastricht, NL)	Internalization of Services: A Technological Perspective	159
JUNMO KIM (Seoul, Korea)	Economic Integration of Major Industrialized Areas: An Empirical Tracking of the Continued Trend	187
RUY QUADROS **ANDRÉ FURTADO** **ROBERTO BERNARDES** **ELIANE FRANCO** (São Paulo, Brazil)	Technological Innovation in Brazilian Industry: An Assessment Based on the São Paulo Innovation Survey	203
EDWIN J. NIJSSEN **RIK VAN REEKUM** (Delft, NL) **HENRIËTTE E. HULSCHOFF** (Zoetermeer, NL)	Gathering and Using Information for the Selection of Technology Partners	221
FRANCISCO VELOSO **SEBASTIAN FIXSON** (Cambridge, MA)	Make–Buy Decisions in the Auto Industry: New Perspectives on the Role of the Supplier as an Innovator	239
NIKOLAUS THUMM (Sevilla, Spain)	Management of Intellectual Property Rights in European Biotechnology Firms	259

Continued

Technological Forecasting and Social Change
An International Journal

Other Articles

CLAUS MØLDRUP
JANINE MARIE MORGALL
(Copenhagen, Denmark)
Risks of Future Drugs: A Danish Expert Delphi 273

FANG-MEI TSENG
HSIAO-CHENG YU
GWO-HSIUNG TZENG
(Hsinchu, Taiwan)
Applied Hybrid Grey Model to Forecast Seasonal Time Series 291

Column

JOSEPH F. COATES
(Washington, DC)
From My Perspective A 21st Century Agenda for Technology Assessment 303

Book Reviews

JIM DATOR
(Honolulu, HI)
Voyager Tales: Personal Views of the Grand Tour
(David W. Swift) 309

BRIAN J. L. BERRY
(Dallas, TX)
The Rise and Fall of the Wealth of Nations. Long Waves in Economics and International Politics.
(Manfred Neumann) 313

LEWIS N. GOSLIN
(Portland, OR)
Seizing the Future: The Dawn of the Macroindustrial Era
(Michael G. Zey) 317

Volume 67 Author Index 321

Volume 67 Book Review Index 321

Volume 67 Subject Index 322

Volume 67 Contents 325